

170187  
SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800  
Rev. 3/15/2004 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 272-2511.

Date 10/3/05 Serial # 10/811,207 Priority Application Date \_\_\_\_\_  
Your Name M. Lewis Examiner # \_\_\_\_\_  
AU 2822 Phone 292-1838 Room 5A30  
In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search, please prioritize in order of need.

Need before 11/9  
The EIC searcher normally will contact you before beginning a prior art search. If you would like to sit with a searcher for an interactive search, please notify one of the searchers.

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other: \_\_\_\_\_

What relevant art have you found so far? Please attach pertinent citations or Information Disclosure Statements. \_\_\_\_\_

What types of references would you like? Please checkmark:

Primary Refs \_\_\_\_\_ Nonpatent Literature \_\_\_\_\_ Other \_\_\_\_\_  
Secondary Refs \_\_\_\_\_ Foreign Patents \_\_\_\_\_  
Teaching Refs \_\_\_\_\_

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 1-19

Problem: See pages 1-4  
Solution: " 11 4-7

RF isolation

For Use Only

Searcher 3026 FACEDIT/MLK

Searcher Number 22541

Searcher Location NYC-4B68, JEF-4B68

Searcher Picked Up: 11-2-05

Completed: 11-2-05

Searcher Prep/Rev Time: 35

Line Time: 200

Type of Request

Minuteman (M) \_\_\_\_\_

Biotechnology \_\_\_\_\_

Litigation \_\_\_\_\_

Patent \_\_\_\_\_

Patent Family \_\_\_\_\_

Other \_\_\_\_\_

Venture

NTN \_\_\_\_\_

Dialog \_\_\_\_\_

Quoted/Orbit \_\_\_\_\_

Lexis-Nexis \_\_\_\_\_

WWW/Internet \_\_\_\_\_

Other \_\_\_\_\_

Set	Items	Description
S1	7269249	S SEMI() CONDUCTOR? OR WAFER? ? OR SUBSTRATE? ? OR IC? ? <del>OR</del>
S2	1655773	S BURIED OR BURY- OR HIDE OR CONCEAL? OR SUPPRESS?
S3	371976	S (ISOLAT? OR SEPARAT?) (3N) (LAYER? OR SECTION? OR PORTION? OR SEGMENT? OR PART?????)
S4	191920	S (LOW OR SMALL OR LITTLE) (3N) (RESISTANCE OR RESISTIVIT?)
S5	14299	S (GUARD? OR INSULAT?) (3N) RING?
S6	2099	S (RF? ? OR RADIO() FREQUENC?) (3N) ISOLAT?
S7	37372	S MESA? ?
S8	3707	S S1 (3N) S7
S9	1	S S8 AND S5 AND S6
S10	1	S S7 AND S5 AND S6
S11	11262	S S2 AND S3
S12	34	S S11 AND S8
S13	0	S S12 AND (S5 OR S6)
S14	128	S S11 AND S7
S15	0	S S14 AND (S5 OR S6)
S16	9	S S5 AND S6
S17	8	S S16 NOT S10
S18	6	RD (unique items)
S19	34	S S8 AND S11
S20	29	RD (unique items)
S21	0	S S5 AND S20
S22	29	S S20 NOT RING?
S23	0	S S22 AND S6
S24	4197316	S RESISTANC? OR RESISTIVIT?
S25	181	S S4 AND S5
S26	0	S S25 AND S6
S27	17	S S25 AND ISOLAT?
S28	17	RD (unique items)
S29	17	S S28 NOT (S10 OR S18)
S30	12	S S6 AND S7
S31	9	S S30 AND S1
S32	4	RD (unique items)
S33	3	S S30 NOT S31
S34	1	RD (unique items)
S35	181	S7 AND (S5 OR S6) FROM 2, 6, 8, 25, 34, 36, 65, 92, 94, 95, 99, 103, 104, 144, 239, 434, 647, 315, 347, 350, 31, 248, 23, 46, 68, 60, 33, 335, 294, 954, 953
S36	181	S S7 AND (S5 OR S6)
S37	151	S S36 AND S1
S38	0	S S37 AND (S3 OR S4)
S39	20	S S37 AND PD<=20040326

? show files

[File 2] INSPEC 1898-2005/Oct W4

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\*File 2: Archive data back to 1898 has been added to File 2.

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[File 315] **ChemEng & Biotec Abs** 1970-2005/Oct  
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[File 347] **JAPIO** Nov 1976-2005/Jun(Updated 051004)  
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[File 350] **Derwent WPIX** 1963-2005/UD,UM &UP=200570  
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02nov05 16:19:14 User259284 Session D3391.2

File 2:INSPEC 1898-2005/Oct W4  
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Set	Items	Description
S1	93053	RF OR RADIO()FREQUENC????
S2	64547	R()F OR RADIOFREQUENC??????
S3	48437	S2 NOT S1
S4	1481	(INSULAT????? OR PROTECT????? OR GUARD?????) (1N)RING????
S5	44	GUARDRING?
S6	4575	MESA OR MESAS
S7	4129	(EMBED????? OR IMBED????? OR BURY????? OR BURIE??? OR BURIA- L??) (3N) (INSULAT????? OR OXIDE? ? OR DIELEC?????)
S8	21	S4:S5 AND S6
S9	3	S4:S5 AND S7
S10	52	S4:S5 AND S1:S2
S11	0	8AND9
S12	0	8AND10
S13	0	9AND10
S14	0	S8:S10 AND SEMICONDUCT??????? (5N) (MESA OR MESAS)
S15	32	S8:S10 AND SEMICONDUCT??????
S16	18	S8:S10 AND (TRANSISTOR? OR MOSFET?)
S17	39	S15:S16
S18	1	S17 AND BURIED
S19	19	S17 AND MESA
S20	0	S19/2004-2005
S21	13	S19 AND RING
S22	19	S19 AND GUARD?????
S23	1	S19 AND GUARDRING?
S24	13	21AND22
S25	19	S18 OR S21 OR S22 OR S23
S26	0	S1:S2 AND S25
S27	0	RADIO????? AND S25
S28	0	FREQUENC????? AND S25
S29	0	RADIO AND S25
S30	0	WAVE AND S25
S31	0	RADIOWAVE AND S25
S32	1	WAVELENGTH AND S25
S33	0	NOIS?? AND S25
S34	0	S25 AND SEMICOND??????????/TI
S35	19	S25 AND MESA?????
S36	2	S25 AND MESA??????/TI
S37	0	S35 AND INTERFER????????
S38	0	S35 AND EMI
S39	11	NOIS??? AND GUARDRING?
S40	118	NOIS??? AND GUARD()RING?
S41	1	S39:S40 AND MESA?????
S42	13954	CROSSTALK? OR CROSS()TALK?????
S43	39	S42 AND GUARD()RING?
S44	1	S42 AND GUARDRING?
S45	2	S43:S44 AND MESA???????

ds

Set	Items	Description
S1	183	AU= (YUE C? OR YUE, C ? OR SEEFELDT J? OR SEEFELDT, J?) FROM 347, 350, 348, 349
S2	1952	S (RF? ? OR RADIO()FREQUENC?)(3N)ISOLAT?
S3	13812	S (GUARD? OR INSULAT?)(3N)RING?
S4	5	S S1 AND S2 AND S3
S5	5	IDPAT (sorted in duplicate/non-duplicate order)
S6	5	IDPAT (primary/non-duplicate records only)
S7	30431	S IC= (H01L-021/76 OR H01L-029/732)
S8	9729	S IC = (H01L-021/762 OR H01L-021/765 OR H01L-029/94)
S9	1989	S MC= U11-C08
S10	39259	S S7 OR S8 OR S9
S11	6	S S10 AND S2 AND S3
S12	2	S S11 NOT S4
S13	16	S S10 AND S1
S14	4	S S13 AND (S2 OR S3)
S15	0	S S14 NOT (S6 OR S12)

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